

59193

SEARCH REQUEST FORM

125909

Requestor's
Name:

BERCH

Serial
Number:

03139554C

Date:

6/29/04

Phone: 571-272-0663 Art Unit: 1624

Office

Rm 5C01

Mailbox

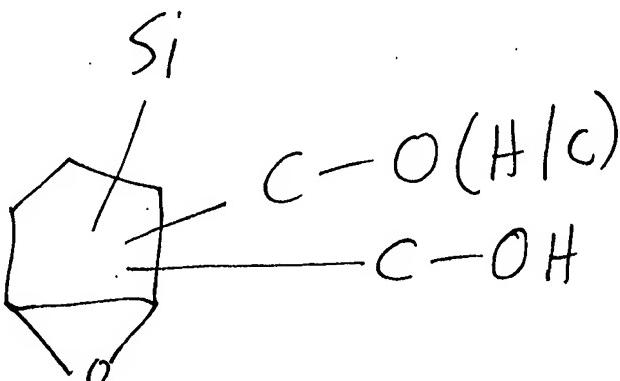
5C18

Mg

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations; authors, keywords, etc., if known. For sequences please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

10/13/04



RECEIVED
JUN 29 2004
USPTO
RECEIVED

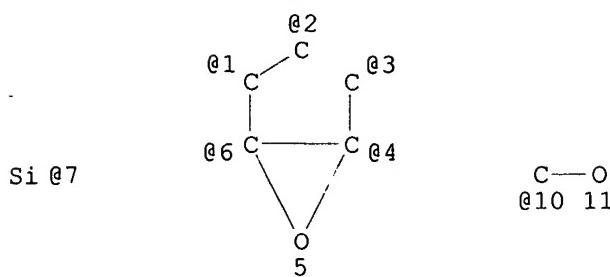
1131
MSY

Claim 41-42

Replacement

Bereh
03/39554C

=> d 13 que stat;d 1-4 ide cbib abs
L1 STR



VPA 7-1/2/3/4/6 U

VPA 10-6/1/2/3/4 U

VPA 8-6/1/2/3/4 U

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L3 4 SEA FILE=REGISTRY SSS FUL L1

100.0% PROCESSED 27242 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L3 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 217824-57-2 REGISTRY

CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 2-oxo-1-(triethylsilyl)-, dimethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

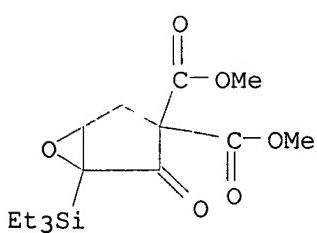
MF C15 H24 O6 Si

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation)



Searched by: Mary Hale 571-272-2507 REM 1D86

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 130:66336 A new enantioselective synthesis of highly functionalized cyclopentanols. Humiliere, Delphine; Thorimbert, Serge; Malacria, Max (Laboratoire Chimie Organique Synthese, Universite Pierre et Marie Curie, Paris, F-75252, Fr.). Synlett (11), 1255-1257 (English) 1998. CODEN: SYNLES. ISSN: 0936-5214. Publisher: Georg Thieme Verlag.

AB Enantiopure epoxy alcs. bearing a di-Me malonate function tethered by a methylene group spontaneously cyclize into the corresponding cyclopentanols under mild oxidative conditions. These functionalized substrates react efficiently and highly stereoselectively.

Adeney

B

L3 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 217824-56-1 REGISTRY

CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 4-oxo-1-(triethylsilyl)-, dimethyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD

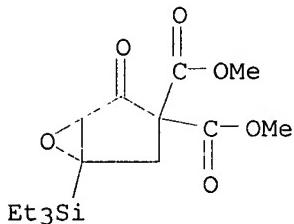
MF C15 H24 O6 Si

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA CAPplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation)



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L3 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN

RN 217824-55-0 REGISTRY

CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 2-hydroxy-1-(triethylsilyl)-, dimethyl ester, (1R,2R,5R)-rel- (9CI) (CA INDEX NAME)

FS STEREOSEARCH

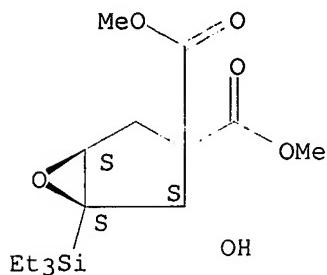
MF C15 H26 O6 Si

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

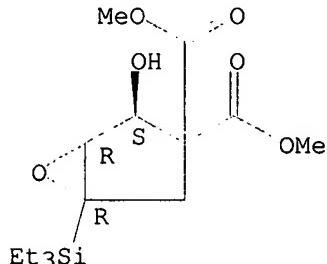
1 REFERENCES IN FILE CA (1907 TO DATE)
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L3 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2004 ACS on STN
RN 217824-54-9 REGISTRY
CN 6-Oxabicyclo[3.1.0]hexane-3,3-dicarboxylic acid, 4-hydroxy-1-(triethylsilyl)-, dimethyl ester, (1R,4S,5R)-rel- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C15 H26 O6 Si
SR CA
LC STN Files: CA, CAPLUS, CASREACT
DT.CA CAplus document type: Journal
RL.NP Roles from non-patents: PREP (Preparation)

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

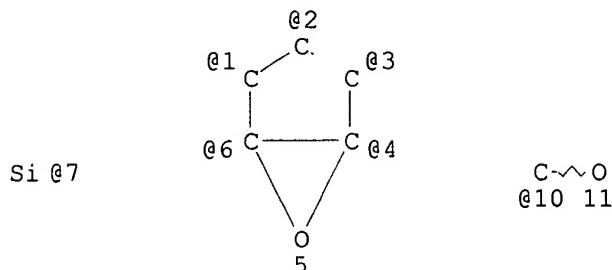
1 REFERENCES IN FILE CA (1907 TO DATE)

Searched by: Mary Hale 571-272-2507 REM 1D86

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

- REFERENCE 1: 130:66336 A new enantioselective synthesis of highly functionalized cyclopentanols. Humiliere, Delphine; Thorimbert, Serge; Malacria, Max (Laboratoire Chimie Organique Synthese, Universite Pierre et Marie Curie, Paris, F-75252, Fr.). *Synlett* (11), 1255-1257 (English) 1998. CODEN: SYNLES. ISSN: 0936-5214. Publisher: Georg Thieme Verlag.
- AB Enantiopure epoxy alcs. bearing a di-Me malonate function tethered by a methylene group spontaneously cyclize into the corresponding cyclopentanols under mild oxidative conditions. These functionalized substrates react efficiently and highly stereoselectively.

=> => d 16 que stat;s 16 not 13
L4 STR



VPA 7-1/2/3/4/6 U
VPA 10-6/1/2/3/4 U

VPA 8-6/1/2/3/4 U

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 11

STEREO ATTRIBUTES: NONE

L6 4 SEA FILE=REGISTRY SSS FUL L4

100.0% PROCESSED 27242 ITERATIONS
SEARCH TIME: 00.00.01

4 ANSWERS

L7 0 L6 NOT L3

=> log y
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
328.86	329.28

FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
-2.64	-2.64

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

STN INTERNATIONAL LOGOFF AT 11:38:19 ON 29 JUN 2004

Searched by: Mary Hale 571-272-2507 REM 1D86